

BIOENGINEERING & BIOMEDICAL ENGINEERING (026A-15)

| Unit Summary         | Statewide Labor Force Indicators        |       |       |  |     |     |   |     |                         |   |                               |     |  |  |                               |   |                                    |                            |                       |  |   |  |                                    |  |   |  |   |  |   |  |  |  |                             |  |                             |  |                       |  |                         |  |                         |  |   |  |                        |  |
|----------------------|---|-------|-------|--|-----|-----|---|-----|-------------------------|---|-------------------------------|-----|--|--|-------------------------------|---|------------------------------------|----------------------------|-----------------------|--|---|--|------------------------------------|--|---|--|---|--|---|--|--|--|-----------------------------|--|-----------------------------|--|-----------------------|--|-------------------------|--|-------------------------|--|---|--|------------------------|--|
|                      | AlaskaWorker Data (2008) <sup>1</sup>   |       |       | Estimated Demand (2006-2016) <sup>2</sup>  |     |     | ALEXsys Employment Data (2008)            |     |                         | Potential Supply (2008)                   |                               |     | Alaska Employment Projections (2006-2016) <sup>2</sup> |  |                               | Worker Demographics (2008) <sup>8</sup> |                                    | Occupation Characteristics |                       |  |   |  |                                    |  |   |  |   |  |   |  |  |  |                             |  |                             |  |                       |  |                         |  |                         |  |   |  |                        |  |
|                      |   |       |       |  |     |     |   |     |                         |   |                               |     |  |  |                               |   |                                    |                            |                       |  |   |  |                                    |  |   |  |   |  |   |  |  |  |                             |  |                             |  |                       |  |                         |  |                         |  |   |  |                        |  |
|                      | ❖ Employment Size Estimate <sup>2</sup> |       | n/a   | ❖ Percent Nonresident Workers <sup>1</sup> |     | n/a | ❖ Percent of Workers Age 45+ <sup>8</sup> |     | n/a                     | ❖ Percent of Workers Age 50+ <sup>8</sup> |                               | n/a | Training Levels  |  |                               |   |                                    |                            |                       |  |   |  |                                    |  |   |  |   |  |   |  |  |  |                             |  |                             |  |                       |  |                         |  |                         |  |   |  |                        |  |
| STOJT                |   | MTOJT | LTOJT | WkExp                                      | VOC | AA  | BA  | BA+ | Total Number of Workers |   | Number of nonresident Workers |     | Percent nonresident Workers                            |  | Annual Openings due to Growth |   | Annual Openings due to Replacement |                            | Total Annual Openings |  | Number of Job Postion Postings <sup>3</sup> |  | Number of Registrants <sup>4</sup> |  | Ratio of Registrants to Job Position Postings |  | Qualified, but working in another occupation <sup>5</sup> |  | Workers currently employed in less skilled occupations <sup>6</sup> |  | UI Claimants previously working in occupation <sup>7</sup> |  | Estimated Employment (2006) |  | Projected Employment (2016) |  | Growth Rate (Percent) |  | Percent Workers Age 50+ |  | Percent Workers Age 45+ |  | Average Hourly Wage (May 2008) <sup>9</sup> |  | Training <sup>10</sup> |  |
| 0                    |   | 0     | 0     | 0  | 0   | 0   | 1   | 0   |                         |   |                               |     |  |  |                               |   |                                    |                            |                       |  | 6   |  | 1                                  |  | 0.2   |  | 1   |  | n/a   |  | n/a  |  | *                           |  | *                           |  | *                     |  | n/a                     |  | n/a                     |  | n/a   |  | BA                     |  |
| Biomedical Engineers |   |       |       |  |     |     |   |     |                         |   |                               |     |  |  |                               |   |                                    |                            |                       |  |   |  |                                    |  |   |  |   |  |   |  |  |  |                             |  |                             |  |                       |  |                         |  |                         |  |   |  |                        |  |

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section, January 2010.

An asterisk (\*) means data are suppressed due to confidentiality.

The "n/a" means data are not available.